	A B C	D E	F	G H I J K	L
1		Nonparametric UCL	Statistics 1	or Data Sets with Non-Detects	
2					
3	User Selected Options				
4	Date/Time of Computation	8/2/2013 12:06:53 PM	1		
5	From File	WorkSheet.xls			
6	Full Precision OFF				
7	Confidence Coefficient 95%				
8	mber of Bootstrap Operations	2000			
9					
10	Aroclor				
11					
12	General Statistics				
13	Total Number of Observations		61	Number of Distinct Observations	48
14	Number of Detects		18	Number of Non-Detects	43
15	Number of Distinct Detects		17	Number of Distinct Non-Detects	31
16	Minimum Detect		4.95	Minimum Non-Detect	1.3
17	Maximum Detect		16.18	Maximum Non-Detect	13
18	Variance Detects		10.21	Percent Non-Detects	70.49%
19	Mean Detects		8.466	SD Detects	3.195
20	Median Detects		7.56	CV Detects	0.377
21	Skewness Detects		1.236	Kurtosis Detects	0.699
22	Mean of Logged Detects		2.078	SD of Logged Detects	0.34
23					
24	Nonparametric Distribution Free UCL Statistics				
25	Detected Data appear Gamma Distributed at 5% Significance Level				
26					
27	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs				
28	Mean		3.986	Standard Error of Mean	0.548
29	SD		3.757	95% KM (BCA) UCL	4.833
30	95% KM (t) UCL		4.902	95% KM (Percentile Bootstrap) UCL	4.889
31	95% KM (z) UCL		4.888	95% KM Bootstrap t UCL	4.94
32	90% KM Chebyshev UCL		5.631	95% KM Chebyshev UCL	6.376
33	97.5%	KM Chebyshev UCL	7.41	99% KM Chebyshev UCL	9.442
34					
35	Suggested UCL to Use				
36	Data appear Gamma, May want to try Gamma Distribution				
37					
38	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL				
39	Recommendations are based upon data size, data distribution, and skewness.				
40	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).				
41	owever, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statisticia				
42					